

# Audi A2

## Current Flow Diagram

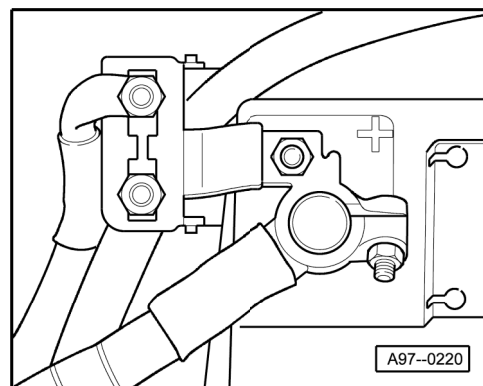
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Edition 09.2003

### Air conditioning system

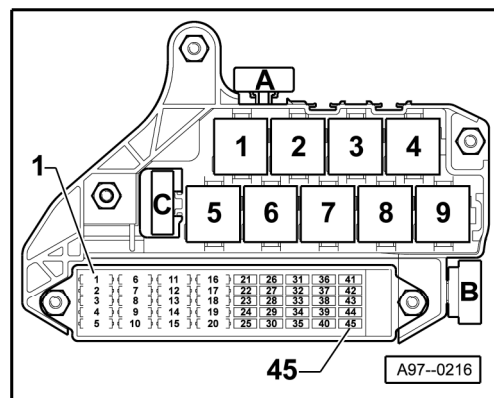
From model year 2003

#### Main fuse



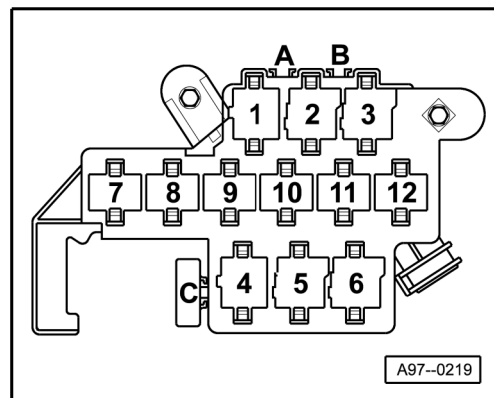
- ♦ On battery

#### 9-point relay carrier, fuse box



- ♦ In dash panel, driver's side
    - 9 - X contact relief relay (J59)
    - C - Radiator fan control unit fuse (S142)
- Fuse colours

5 A - beige  
7.5 A - brown  
10 A - red  
15 A - blue  
20 A - yellow  
25 A - white  
30 A - green

**6+6-point relay carrier**

- ♦ In footwell, front left
  - 2 - Automatic intermittent wash/wipe relay (J31)
  - 3 - Automatic intermittent wash/wipe relay (J31)

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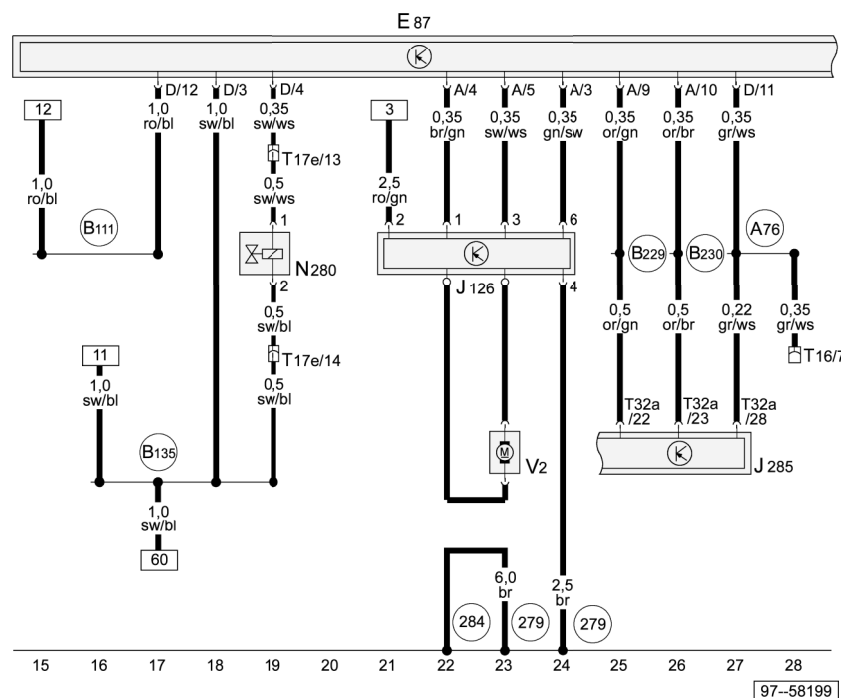
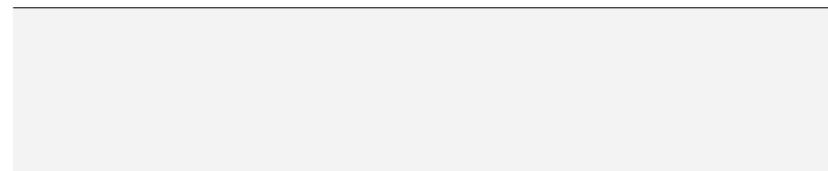
D	- Ignition/starter switch
J59	- X contact relief relay
SB15	- Fuse -15- on fuse box
SB16	- Fuse -16- on fuse box
SB31	- Fuse -31- on fuse box
SB36	- Fuse -36- on fuse box
SB38	- Fuse -38- on fuse box
T16	- 16-pin connector, diagnostic connector, black, near fuse box
44	- Earth point, lower part of left A pillar
249	- Earth connection -2-, in interior wiring harness
284	- Earth connection -6-, in interior wiring harness
500	- Screw connection -1- (30), on relay plate
A2	- Positive (+) connection (15), in dash panel wiring harness
A32	- Positive (+) connection (30), in dash panel wiring harness
A34	- Connection (75x), in dash panel wiring harness
A98	- Positive (+) connection -4- (30), in dash panel wiring harness
B138	- Positive (+) connection (X), in interior wiring harness

ws = white  
sw = black  
ro = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
ge = yellow  
or = orange  
rs = pink

## Audi A2

## Current Flow Diagram

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ws = white  
 sw = black  
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 ge = yellow  
 or = orange  
 rs = pink

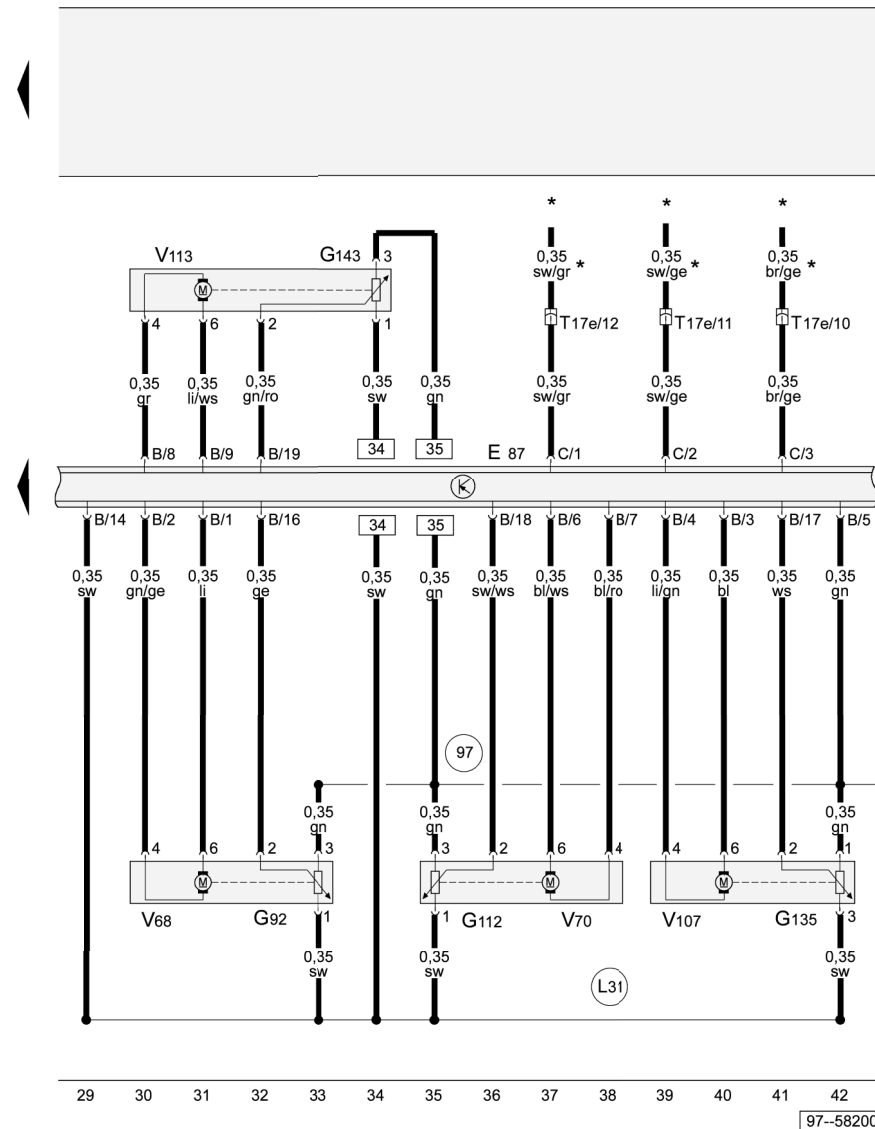
### Air conditioning system/Climatronic operating and display unit, fresh air blower control unit, air conditioning system compressor regulating valve

- E87 - Air conditioning system/Climatronic operating and display unit
- J126 - Fresh air blower control unit
- J285 - Control unit with display in dash panel insert
- N280 - Air conditioning system compressor regulating valve
- T16 - 16-pin connector, diagnostic connector, black, near fuse box
- T17e - 17-pin connector, blue, in footwell, front left
- T32a - 32-pin connector, green, on dash panel insert
- V2 - Fresh air blower
- 279 - Earth connection -5-, in interior wiring harness
- 284 - Earth connection -6-, in interior wiring harness
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- B111 - Positive (+) connection -1- (30a), in interior wiring harness
- B135 - Connection -1- (15a), in interior wiring harness
- B229 - Connection (high bus), in interior wiring harness
- B230 - Connection (low bus), in interior wiring harness

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## Current Flow Diagram

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**Temperature flap control motor potentiometer, central flap control motor potentiometer, defroster flap control motor potentiometer**

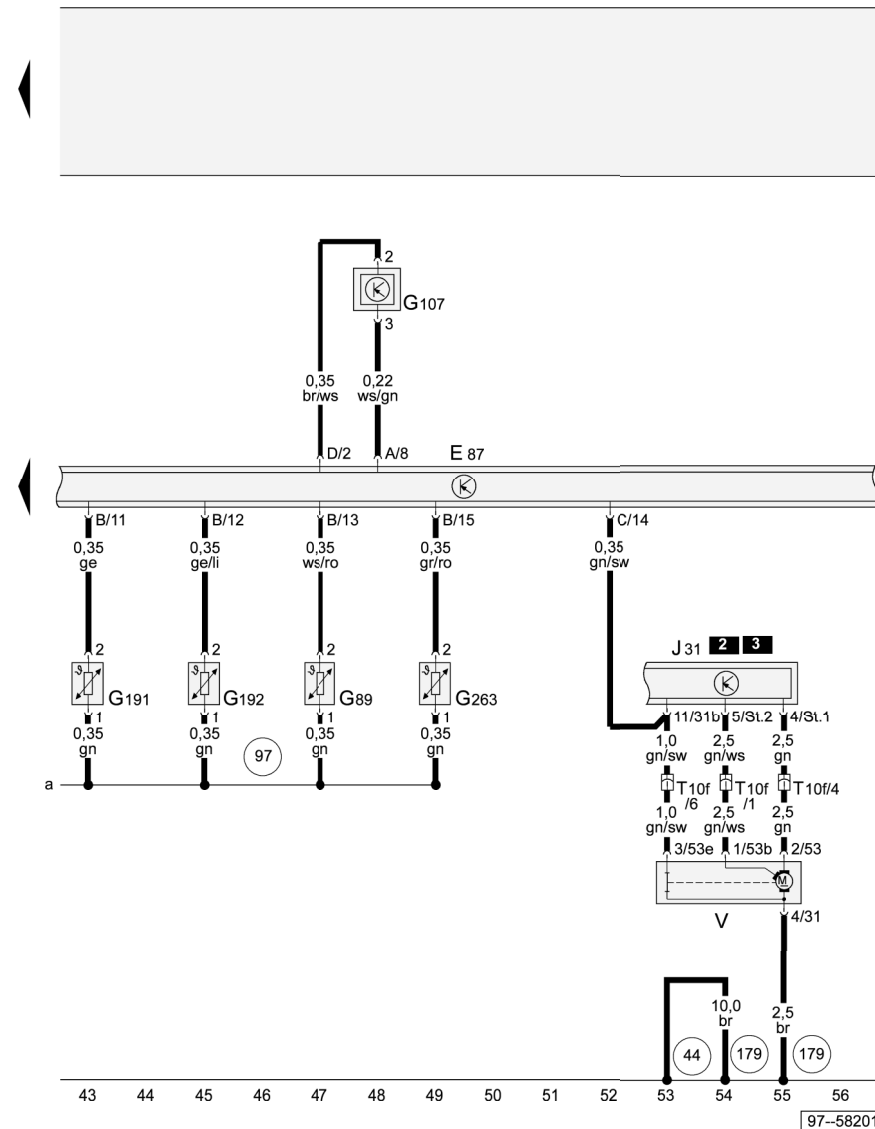
- E87 - Air conditioning system/Climatronic operating and display unit
- G92 - Temperature flap control motor potentiometer
- G112 - Central flap control motor potentiometer
- G135 - Defroster flap control motor potentiometer
- G143 - Air recirculation flap control motor potentiometer
- T17e - 17-pin connector, blue, in footwell, front left
- V68 - Temperature flap control motor
- V70 - Central flap control motor
- V107 - Defroster flap control motor
- V113 - Air recirculation flap control motor
- 97 - Earth connection -1-, in air conditioning system wiring harness
- L31 - Connection (5V), in air conditioning system wiring harness
- \* - □ Applicable engine Current Flow Diagram

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## Audi A2

## Current Flow Diagram

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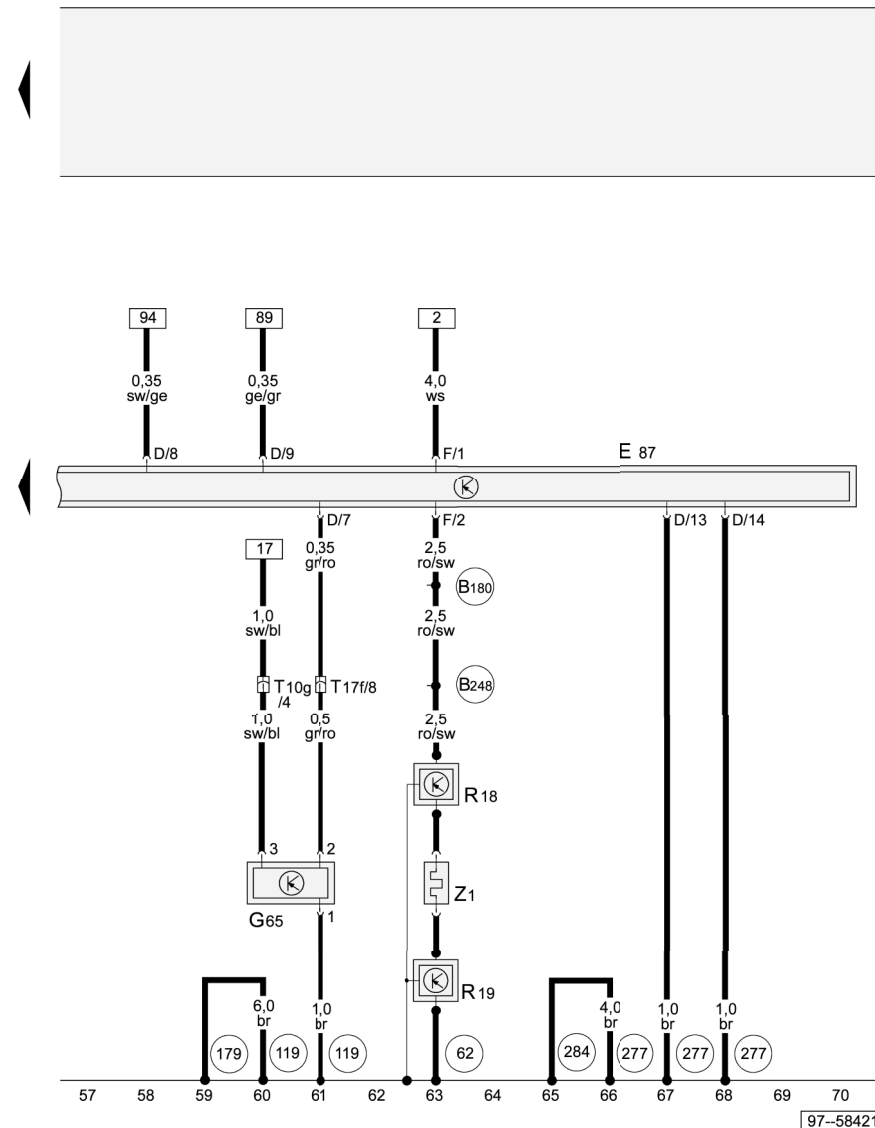
## Fresh air intake duct temperature sensor, sunlight penetration photosensor, evaporator out-flow temperature sender

- E87 - Air conditioning system/Climatronic operating and display unit
- G89 - Fresh air intake duct temperature sensor
- G107 - Sunlight penetration photosensor
- G191 - Vent temperature sender, centre
- G192 - Vent temperature sender, footwell
- G263 - Evaporator out-flow temperature sender
- J31 - Automatic intermittent wash/wipe relay
- T10f - 10-pin connector, blue, connector point, A pillar, left
- V - Windscreen wiper motor
- 44 - Earth point, lower part of left A pillar
- 97 - Earth connection -1-, in air conditioning system wiring harness
- 179 - Earth connection, in left headlight wiring harness

## Audi A2

## Current Flow Diagram

## No. 24 / 6



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 li = purple  
 ge = yellow  
 or = orange  
 rs = pink

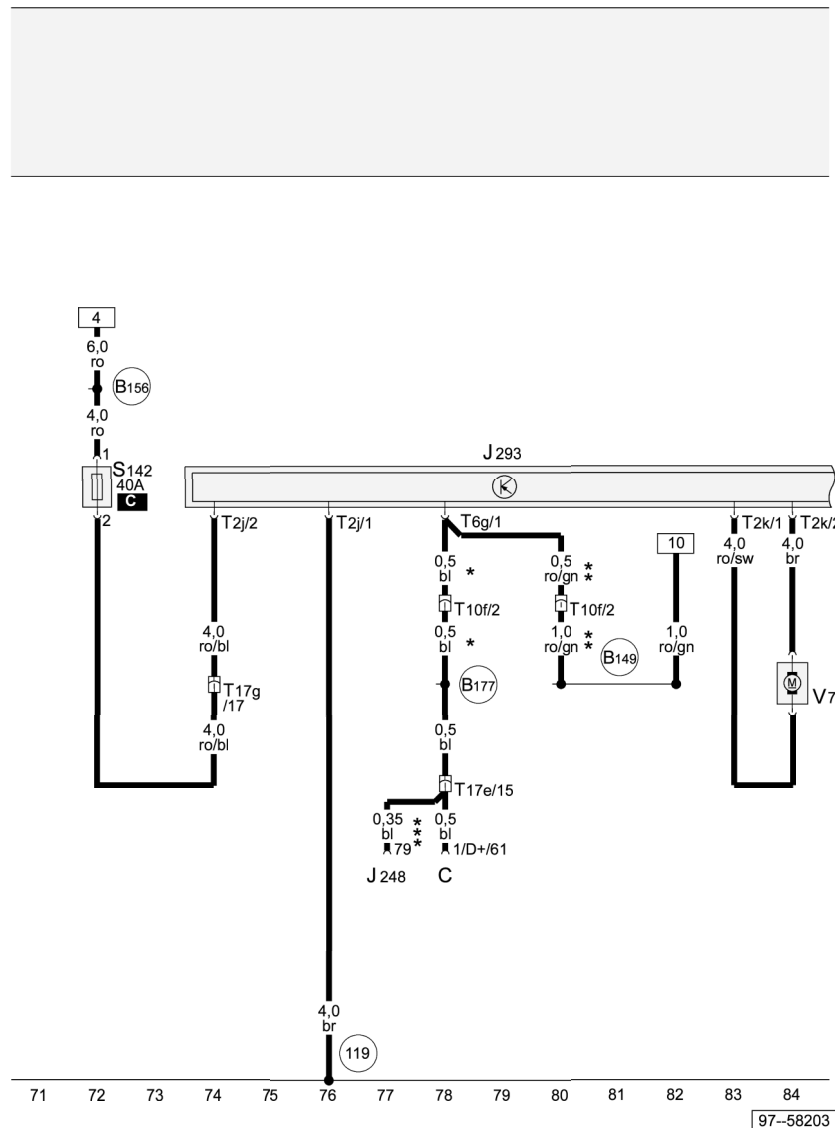
### Air conditioning system/Climatronic operating and display unit, high pressure sender, heated rear window

- E87 - Air conditioning system/Climatronic operating and display unit
- G65 - High pressure sender
- R18 - Frequency switch, left
- R19 - Frequency switch, right
- T10g - 10-pin connector, grey, connector point, A pillar, left
- T17f - 17-pin connector, white, connector point, A pillar, left
- Z1 - Heated rear window
- 62 - Earth point, right C pillar
- 119 - Earth connection -1-, in headlight wiring harness
- 179 - Earth connection, in left headlight wiring harness
- 277 - Earth connection -3-, in interior wiring harness
- 284 - Earth connection -6-, in interior wiring harness
- B180 - Connection (heated rear window), in interior wiring harness
- B248 - Connection -2- (heated rear window), in interior wiring harness

## Audi A2

## Current Flow Diagram

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## Radiator fan control unit, radiator fan control unit fuse, radiator fan

- C - Alternator
- J248 - Diesel direct injection system control unit
- J293 - Radiator fan control unit
- S142 - Radiator fan control unit fuse
- T2j - 2-pin connector, black, on radiator fan control unit
- T2k - 2-pin connector, brown, on radiator fan control unit
- T6g - 6-pin connector, black, on radiator fan control unit
- T10f - 10-pin connector, blue, connector point, A pillar, left
- T17e - 17-pin connector, blue, in footwell, front left
- T17g - 17-pin connector, red, connector point, A pillar, left
- V7 - Radiator fan
- 119 - Earth connection -1-, in headlight wiring harness

- B149 - Positive (+) connection -2- (15a), in interior wiring harness
- B156 - Positive (+) connection (30a), in interior wiring harness
- B177 - Connection (61), in interior wiring harness

- \* - Does not apply to models with engine code BAD
- \*\* - Only applies to models with engine code BAD
- \*\*\* - Only applies to models with engine code AMF



## Audi A2

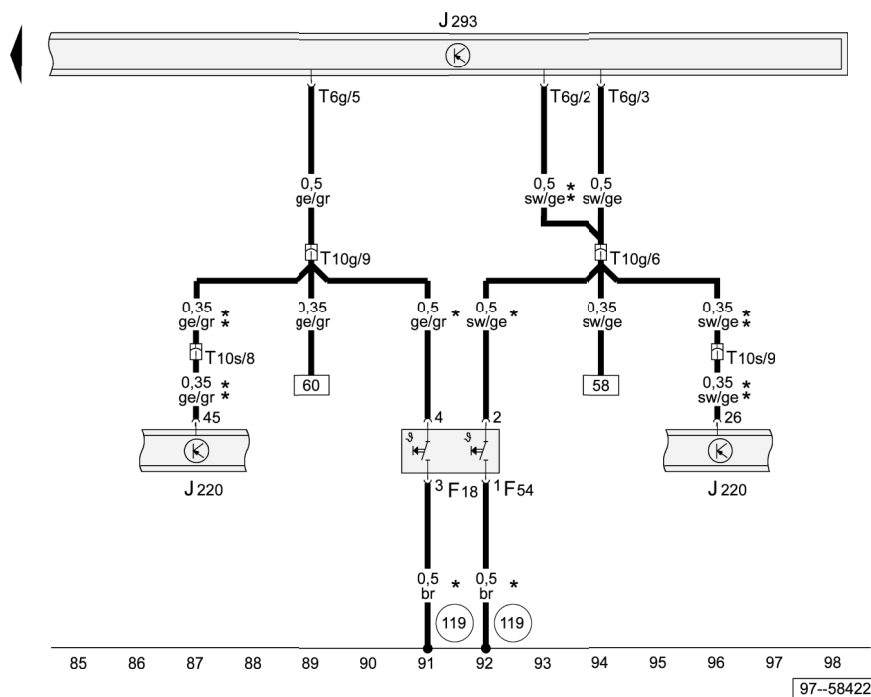
## Current Flow Diagram

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Radiator fan thermo-switches, Motronic control unit,  
radiator fan control unit

- F18 - Radiator fan thermo-switch
- F54 - Radiator fan thermo-switch
- J220 - Motronic control unit
- J293 - Radiator fan control unit
- T6g - 6-pin connector, black, on radiator fan control unit
- T10g - 10-pin connector, grey, connector point, A pillar, left
- T10s - 10-pin connector, white, in footwell, front left
- 119 - Earth connection -1-, in headlight wiring harness

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